

| L Number | Hits | Search Text | DB | Time stamp |
|----------|--------|---|---|------------------|
| 1 | 8 | kielin.xa. and plasma and ceramic | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/07/28 16:12 |
| 8 | 10 | ("4400409" "4515107" "4694264" "4841098" "5325021" "5399254" "5846883" "5968379" "6081414" "6124834").PN. | USPAT | 2003/07/28 16:03 |
| 9 | 41279 | heat near2 transfer\$4 near2 (fluid medium liquid gas vapor) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/07/28 16:41 |
| 16 | 59911 | heat near2 exchang\$3 near2 (fluid medium liquid gas vapor) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/07/28 16:41 |
| 23 | 90249 | (heat near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2 exchang\$3 near2 (fluid medium liquid gas vapor)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/07/28 16:15 |
| 30 | 258786 | coolant or (cooling near2 (fluid medium liquid gas vapor)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/07/28 16:18 |
| 37 | 320782 | ((heat near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2 exchang\$3 near2 (fluid medium liquid gas vapor))) (coolant or (cooling near2 (fluid medium liquid gas vapor))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/07/28 16:18 |
| 44 | 13601 | (adjust\$4 control\$4) near5 temperature near10 (((heat near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2 exchang\$3 near2 (fluid medium liquid gas vapor))) (coolant or (cooling near2 (fluid medium liquid gas vapor)))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/07/28 16:43 |
| 51 | 29973 | (adjust\$4 control\$4) near5 temperature near10 (energy power) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/07/28 16:35 |
| 58 | 1357 | ((adjust\$4 control\$4) near5 temperature near10 (((heat near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2 exchang\$3 near2 (fluid medium liquid gas vapor))) (coolant or (cooling near2 (fluid medium liquid gas vapor)))) and ((adjust\$4 control\$4) near5 temperature near10 (energy power)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/07/28 16:35 |
| 65 | 581 | ((adjust\$4 control\$4) near5 temperature near10 (((heat near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2 exchang\$3 near2 (fluid medium liquid gas vapor))) (coolant or (cooling near2 (fluid medium liquid gas vapor)))) and ((adjust\$4 control\$4) near5 temperature near10 (energy power))) and (chuck susceptor support holder) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/07/28 16:36 |
| 72 | 3669 | (adjust\$4 control\$4) near12 (((flow\$3 circulat\$3) near3 (rate speed)) near8 (((heat near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2 exchang\$3 near2 (fluid medium liquid gas vapor))) (coolant or (cooling near2 (fluid medium liquid gas vapor)))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/07/28 17:59 |

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| 79 | 5319 | thermal near2 transfer\$4 near2 (fluid medium liquid gas vapor) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/07/28 16:42 |
| 86 | 975 | thermal near2 exchang\$3 near2 (fluid medium liquid gas vapor) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/07/28 16:42 |
| 93 | 324953 | ((heat near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2 exchang\$3 near2 (fluid medium liquid gas vapor))) (coolant or (cooling near2 (fluid medium liquid gas vapor))) (thermal near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (thermal near2 exchang\$3 near2 (fluid medium liquid gas vapor)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/07/28 16:42 |
| 100 | 3675 | (adjust\$4 control\$4) near12 (((flow\$3 circulat\$3) near3 (rate speed)) near8 (((heat near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2 exchang\$3 near2 (fluid medium liquid gas vapor))) (coolant or (cooling near2 (fluid medium liquid gas vapor))) (thermal near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (thermal near2 exchang\$3 near2 (fluid medium liquid gas vapor)))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/07/28 16:44 |
| 107 | 13660 | (adjust\$4 control\$4) near5 temperature near10 (((heat near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2 exchang\$3 near2 (fluid medium liquid gas vapor))) (coolant or (cooling near2 (fluid medium liquid gas vapor))) (thermal near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (thermal near2 exchang\$3 near2 (fluid medium liquid gas vapor)))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/07/28 16:45 |
| 114 | 4628 | (thermocouple or (temperature near2 sens\$3)) near10 (chuck susceptor support holder) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/07/28 17:54 |
| 121 | 4819 | (thermocouple or (temperature near2 sens\$3)) near10 (pedestal chuck susceptor support holder) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/07/28 16:47 |
| 128 | 3 | ((adjust\$4 control\$4) near12 (((flow\$3 circulat\$3) near3 (rate speed)) near8 (((heat near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2 exchang\$3 near2 (fluid medium liquid gas vapor))) (coolant or (cooling near2 (fluid medium liquid gas vapor))) (thermal near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (thermal near2 exchang\$3 near2 (fluid medium liquid gas vapor)))) and "104" and ((adjust\$4 control\$4) near5 temperature near10 (energy power)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/07/28 16:48 |
| 135 | 186 | ((adjust\$4 control\$4) near12 (((flow\$3 circulat\$3) near3 (rate speed)) near8 (((heat near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2 exchang\$3 near2 (fluid medium liquid gas vapor))) (coolant or (cooling near2 (fluid medium liquid gas vapor))) (thermal near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (thermal near2 exchang\$3 near2 (fluid medium liquid gas vapor)))) and ((adjust\$4 control\$4) near5 temperature near10 (((heat near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2 exchang\$3 near2 (fluid medium liquid gas vapor))) (coolant or (cooling near2 (fluid medium liquid gas vapor))) (thermal near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (thermal near2 exchang\$3 near2 (fluid medium liquid gas vapor)))) and ((adjust\$4 control\$4) near5 temperature near10 (energy power)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/07/28 16:49 |

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| 142 | 11 | (((adjust\$4 control\$4) near12 (((flow\$3 circulat\$3) near3 (rate speed)) near8 (((heat near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2 exchang\$3 near2 (fluid medium liquid gas vapor))) (coolant or (cooling near2 (fluid medium liquid gas vapor)))) (thermal near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (thermal near2 exchang\$3 near2 (fluid medium liquid gas vapor)))) and ((adjust\$4 control\$4) near5 temperature near10 (((heat near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2 exchang\$3 near2 (fluid medium liquid gas vapor))) (coolant or (cooling near2 (fluid medium liquid gas vapor)))) (thermal near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (thermal near2 exchang\$3 near2 (fluid medium liquid gas vapor)))) and ((adjust\$4 control\$4) near5 temperature near10 (energy power))) and ((thermocouple or (temperature near2 sens\$3)) near10 (pedestal chuck susceptor support holder)) 6084763.URPN. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/07/28 17:57 |
| 149 | 3 | | USPAT | 2003/07/28 17:01 |
| 150 | 7 | ("5548470" "5681424" "5684669" "5708556" "5916689" "5942075" "5997962").PN. | USPAT | 2003/07/28 17:05 |
| 151 | 5715 | (thermopile or thermocouple or (temperature near2 (detect\$3 sens\$3 prob\$3))) near10 (chuck susceptor support holder pedestal) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/07/28 18:37 |
| 158 | 11 | (((adjust\$4 control\$4) near12 (((flow\$3 circulat\$3) near3 (rate speed)) near8 (((heat near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2 exchang\$3 near2 (fluid medium liquid gas vapor))) (coolant or (cooling near2 (fluid medium liquid gas vapor)))) (thermal near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (thermal near2 exchang\$3 near2 (fluid medium liquid gas vapor)))) and ((adjust\$4 control\$4) near5 temperature near10 (((heat near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2 exchang\$3 near2 (fluid medium liquid gas vapor))) (coolant or (cooling near2 (fluid medium liquid gas vapor)))) (thermal near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (thermal near2 exchang\$3 near2 (fluid medium liquid gas vapor)))) and ((adjust\$4 control\$4) near5 temperature near10 (energy power))) and ((thermopile or thermocouple or (temperature near2 (detect\$3 sens\$3 prob\$3))) near10 (chuck susceptor support holder pedestal)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/07/28 17:57 |
| 165 | 26149 | (adjust\$4 control\$4 var\$4 increas\$3 decreas\$3 lower\$3 rais\$3) near12 (((flow\$3 circulat\$3 suppl\$4) near3 (rate speed)) near8 (antifreeze anti-freeze glycol ethyleneglycol water refrigerant (((heat near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2 exchang\$3 near2 (fluid medium liquid gas vapor))) (coolant or (cooling near2 (fluid medium liquid gas vapor)))) (thermal near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (thermal near2 exchang\$3 near2 (fluid medium liquid gas vapor)))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/07/28 18:29 |
| 172 | 106175 | (adjust\$4 control\$4 var\$4 increas\$3 decreas\$3 lower\$3 rais\$3) near5 temperature near12 (antifreeze anti-freeze glycol ethyleneglycol water refrigerant (((heat near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2 exchang\$3 near2 (fluid medium liquid gas vapor))) (coolant or (cooling near2 (fluid medium liquid gas vapor)))) (thermal near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (thermal near2 exchang\$3 near2 (fluid medium liquid gas vapor)))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/07/28 18:35 |

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|-----|------|--|---|------------------|
| 179 | 7753 | ((adjust\$4 control\$4 var\$4 increas\$3 decreas\$3 lower\$3 rais\$3) near12 (((flow\$3 circulat\$3 suppl\$4) near3 (rate speed)) near8 (antifreeze anti-freeze glycol ethyleneglycol water refrigerant (((heat near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2 exchang\$3 near2 (fluid medium liquid gas vapor))) (coolant or (cooling near2 (fluid medium liquid gas vapor)))) (thermal near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (thermal near2 exchang\$3 near2 (fluid medium liquid gas vapor)))))) and ((adjust\$4 control\$4 var\$4 increas\$3 decreas\$3 lower\$3 rais\$3) near5 temperature near12 (antifreeze anti-freeze glycol ethyleneglycol water refrigerant (((heat near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2 exchang\$3 near2 (fluid medium liquid gas vapor))) (coolant or (cooling near2 (fluid medium liquid gas vapor)))) (thermal near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (thermal near2 exchang\$3 near2 (fluid medium liquid gas vapor)))))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/07/28 18:35 |
| 186 | 65 | ((thermopile or thermocouple or (temperature near2 (detect\$3 sens\$3 prob\$3))) near10 (chuck susceptor support holder pedestal)) and (((adjust\$4 control\$4 var\$4 increas\$3 decreas\$3 lower\$3 rais\$3) near12 (((flow\$3 circulat\$3 suppl\$4) near3 (rate speed)) near8 (antifreeze anti-freeze glycol ethyleneglycol water refrigerant (((heat near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2 exchang\$3 near2 (fluid medium liquid gas vapor))) (coolant or (cooling near2 (fluid medium liquid gas vapor)))) (thermal near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (thermal near2 exchang\$3 near2 (fluid medium liquid gas vapor)))))) and ((adjust\$4 control\$4 var\$4 increas\$3 decreas\$3 lower\$3 rais\$3) near5 temperature near12 (antifreeze anti-freeze glycol ethyleneglycol water refrigerant (((heat near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2 exchang\$3 near2 (fluid medium liquid gas vapor))) (coolant or (cooling near2 (fluid medium liquid gas vapor)))) (thermal near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (thermal near2 exchang\$3 near2 (fluid medium liquid gas vapor)))))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/07/28 18:37 |
| 193 | 46 | ((thermopile or thermocouple or (temperature near2 (detect\$3 sens\$3 prob\$3))) near10 (chuck susceptor support holder pedestal)) and (((adjust\$4 control\$4 var\$4 increas\$3 decreas\$3 lower\$3 rais\$3) near12 (((flow\$3 circulat\$3 suppl\$4) near3 (rate speed)) near8 (antifreeze anti-freeze glycol ethyleneglycol water refrigerant (((heat near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2 exchang\$3 near2 (fluid medium liquid gas vapor))) (coolant or (cooling near2 (fluid medium liquid gas vapor)))) (thermal near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (thermal near2 exchang\$3 near2 (fluid medium liquid gas vapor)))))) and ((adjust\$4 control\$4 var\$4 increas\$3 decreas\$3 lower\$3 rais\$3) near5 temperature near12 (antifreeze anti-freeze glycol ethyleneglycol water refrigerant (((heat near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (heat near2 exchang\$3 near2 (fluid medium liquid gas vapor))) (coolant or (cooling near2 (fluid medium liquid gas vapor)))) (thermal near2 transfer\$4 near2 (fluid medium liquid gas vapor)) (thermal near2 exchang\$3 near2 (fluid medium liquid gas vapor)))))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/07/28 18:38 |
| 200 | 9 | 5435379.URPN. | USPAT | 2003/07/28 18:47 |